

January 23, 2006
US Serial No. 09/816,289

Listing of the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

1. (previously amended) A method for treating a neurodegenerative disease in a mammal, comprising administering to said mammal in need of such treatment an agent which will inhibit and/or reverse ADP-ribosylation of elongation factor-2 (EF-2) in neuronal cells thereof, whereby neuron degeneration is ameliorated.
2. (cancel)
3. (original) The method of claim 1, wherein the agent is administered by aerosol to the nasal passages, orally, or by injection.
4. (original) The method of claim 1, wherein the mammal is a human.
5. (previously amended) The method of claim 1, wherein said agent is a vaccine composition containing diphtheria toxoid and a pharmaceutically acceptable carrier.
6. (original) The method of claim 5, wherein the vaccine is administered by spray or aerosol to the nasal passages.
7. (original) The method of claim 5, wherein the dosage of vaccine is comparable to a typical booster vaccine.
8. (original) The method of claim 5, wherein the vaccine contain an adjuvant.
9. — 26. (cancel)